# Mountain Weather Forecast

## Peak District National Park

Forecast valid from 06:00 on Saturday 15 Aug 2020 until 23:59 on Sunday 16 Aug 2020

Forecast Issued on Saturday 15 Aug 2020 at 02:16

**Confidence:** High for an unsettled period of weather, with low cloud regularly developing overnight. Periods of heavy showers and thunderstorms then likely from Saturday night onward.

**Headline for Saturday 15 Aug 2020:** A dry but murky morning. Brighter spells into the afternoon, with some scattered showers.

**Mountain weather hazards on Saturday 15 Aug 2020**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>High Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| FOG | FOG | | | | FOG |
| Fog | Fog | Sunny intervals | Sunny intervals | Cloudy | Fog |
| Precipitation probability | | | | | |
| 10% | 10% | 20% | 20% | 30% | 30% |

**Forecast for Saturday 15 Aug 2020**

**Weather:** Cloudy through much of the morning with the odd spot of drizzle and patches of hill fog likely. Some brighter spells developing from late morning especially in the west, along with a risk of a few sharp and possibly thundery showers. Showers continuing into the evening and becoming more frequent with cloud again spreading from the east. Feeling humid throughout.

**Chance of cloud free mountain/hill tops above 600m:** 20%, but with a slightly higher chance in the west. Widespread bases down to 500m, and patches down to 300m. Increasing to 70% from late morning, with only isolated bases down to 400m. Becoming around 10% through the evening with encroaching cloud from the east down to 300-500m.

**Visibility:** Generally poor or very poor in the low cloud with nearby landmarks often obscured. Becoming moderate or good with distant hills visible outside of the cloud.

Check our weather forecast every day to get the most accurate and up to date information
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# Mountain Weather Forecast

**Forecast for Saturday 15 Aug 2020**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 19/23 NE | 17/23 E | 18/25 E | 17/24 E | 18/25 E | 18/25 E | 18/25 NE |
| **300** | 14/21 E | 16/23 NE | 13/21 NE | 12/19 NE | 11/18 NE | 12/20 NE | 13/22 NE |
| **Valley** | 11/21 E | 13/24 E | 11/21 E | 10/20 E | 9/20 E | 11/23 E | 13/27 E |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 12/9 | 12/10 | 13/10 | 14/11 | 13/10 | 12/8 | 11/8 |
| **300** | 14/12 | 15/12 | 17/14 | 18/16 | 16/14 | 14/12 | 13/11 |
| **Valley** | 15/13 | 16/14 | 18/16 | 19/17 | 17/16 | 15/13 | 14/12 |
| **Freezing Level*** | 2900m | 2700m | 2700m | 3300m | 3400m | 3400m | 3400m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

Low cloud could quickly lead to navigation difficulties. High humidity means it will feel warm and sticky

**Recent rainfall:** measured at Cat & Fiddle: altitude 511m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 15 Aug 2020 | 0mm | 0mm | 0mm |

**Forecast for Sunday 16 Aug 2020**

**Weather:** A showery day, these occasionally heavy with a risk of thunder. This will be accompanied by widespread low cloud and patches of hill fog. Showers perhaps easing for a time through the day, but staying cloudy into the afternoon, with a further risk of heavy and thundery showers after dusk.

**Maximum wind:** Northeasterly 15-20mph with gusts 25-30mph at first, easing through the day.

**Chance of cloud free mountain/hill tops above 600m:** Less than 10% with risk of hill fog through much of the day, bases occasionally falling to 300m.

**Visibility:** Frequently poor or very poor in the low cloud and heavy showers, otherwise moderate.

**Temperature:** **Valleys:** Plus 15 becoming 21 Celsius.
**At 600m:** Plus 15 Celsius.
**Freezing level:** Well above the summits.

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